

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/001,945B
Source: 1FW16
Date Processed by STIC: 10/5/05

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 10/05/2005

PATENT APPLICATION: US/10/001,945B

TIME: 14:15:37

Input Set : A:\substitute seqlist.txt

Output Set: N:\CRF4\10052005\J001945B.raw

3 <110> APPLICANT: Olson, Gary L.
 4 Self, Christopher
 5 Lee, Lily
 6 Cook, Charles M.
 7 Birktopft, Jens
 8 Morgan, Barry
 9 Arico-Muendel, Christopher C.
 12 <120> TITLE OF INVENTION: Therapeutic Agents and Methods
 13 of Use Thereof for the Modulation of
 14 Angiogenesis
 16 <130> FILE REFERENCE: PPI-106CP2
 18 <140> CURRENT APPLICATION NUMBER: 10/001,945B
 19 <141> CURRENT FILING DATE: 2001-11-1
 21 <150> PRIOR APPLICATION NUMBER: US 09/972,772
 22 <151> PRIOR FILING DATE: 2001-10-05
 24 <150> PRIOR APPLICATION NUMBER: US 09/704,251
 25 <151> PRIOR FILING DATE: 2000-11-01
 27 <160> NUMBER OF SEQ ID NOS: 40
 29 <170> SOFTWARE: PatentIn Ver. 2.0
 31 <210> SEQ ID NO: 1
 32 <211> LENGTH: 4
 33 <212> TYPE: PRT
 34 <213> ORGANISM: Artificial Sequence
 36 <220> FEATURE:
 37 <221> NAME/KEY: VARIANT
 38 <222> LOCATION: 4
 39 <223> OTHER INFORMATION: Xaa at position 4 may be any amino acid
 41 <220> FEATURE:
 42 <223> OTHER INFORMATION: Description of Artificial Sequence: Motifs
 44 <400> SEQUENCE: 1

W--> 45 Pro Leu Gly Xaa

46 1
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 50 <211> LENGTH: 5
 51 <212> TYPE: PRT
 52 <213> ORGANISM: Artificial Sequence
 54 <220> FEATURE:
 55 <221> NAME/KEY: VARIANT
 56 <222> LOCATION: 2
 57 <223> OTHER INFORMATION: Xaa at position 2 represents L-cyclohexylalanine
 59 <220> FEATURE:
 60 <221> NAME/KEY: VARIANT
 61 <222> LOCATION: 4

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62 <223> OTHER INFORMATION: Xaa at position 4 represents methylated cysteine
64 <220> FEATURE:
65 <223> OTHER INFORMATION: Description of Artificial Sequence: Motifs
67 <400> SEQUENCE: 2
W--> 68 Pro Xaa Gly Xaa His
69   1           5
72 <210> SEQ ID NO: 3
73 <211> LENGTH: 8
74 <212> TYPE: PRT
75 <213> ORGANISM: Artificial Sequence
77 <220> FEATURE:
78 <223> OTHER INFORMATION: Description of Artificial Sequence: Motifs
80 <220> FEATURE:
81 <221> NAME/KEY: VARIANT
82 <222> LOCATION: 8
83 <223> OTHER INFORMATION: Xaa at position 8 represents D-Arginine
85 <400> SEQUENCE: 3
W--> 86 Pro Gln Gly Ile Ala Gly Gln Xaa
87   1           5
90 <210> SEQ ID NO: 4
91 <211> LENGTH: 7
92 <212> TYPE: PRT
93 <213> ORGANISM: Artificial Sequence
95 <220> FEATURE:
96 <223> OTHER INFORMATION: Description of Artificial Sequence: Motifs
98 <400> SEQUENCE: 4
99 Pro Gln Gly Ile Ala Gly Trp
100  1           5
103 <210> SEQ ID NO: 5
104 <211> LENGTH: 7
105 <212> TYPE: PRT
106 <213> ORGANISM: Artificial Sequence
108 <220> FEATURE:
109 <223> OTHER INFORMATION: Description of Artificial Sequence: Motifs
111 <220> FEATURE:
112 <221> NAME/KEY: VARIANT
113 <222> LOCATION: 4
114 <223> OTHER INFORMATION: Xaa at position 4 represents methylated cysteine
116 <220> FEATURE:
117 <221> NAME/KEY: VARIANT
118 <222> LOCATION: 7
119 <223> OTHER INFORMATION: Xaa at position 7 represents D-Arginine
121 <400> SEQUENCE: 5
W--> 122 Pro Leu Gly Xaa His Ala Xaa
123   1           5
126 <210> SEQ ID NO: 6
127 <211> LENGTH: 7
128 <212> TYPE: PRT
129 <213> ORGANISM: Artificial Sequence

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131 <220> FEATURE:
132 <223> OTHER INFORMATION: Description of Artificial Sequence: Motifs
134 <220> FEATURE:
135 <221> NAME/KEY: VARIANT
136 <222> LOCATION: 7
137 <223> OTHER INFORMATION: Xaa at position 7 represents D-Arginine
139 <400> SEQUENCE: 6
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141   1           5
144 <210> SEQ ID NO: 7
145 <211> LENGTH: 7
146 <212> TYPE: PRT
147 <213> ORGANISM: Artificial Sequence
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150 <223> OTHER INFORMATION: Description of Artificial Sequence: Motifs
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153 Pro Leu Ala Leu Trp Ala Arg
154   1           5
157 <210> SEQ ID NO: 8
158 <211> LENGTH: 7
159 <212> TYPE: PRT
160 <213> ORGANISM: Artificial Sequence
162 <220> FEATURE:
163 <223> OTHER INFORMATION: Description of Artificial Sequence: Motifs
165 <400> SEQUENCE: 8
166 Pro Leu Ala Leu Trp Ala Arg
167   1           5
170 <210> SEQ ID NO: 9
171 <211> LENGTH: 7
172 <212> TYPE: PRT
173 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Description of Artificial Sequence: Motifs
178 <400> SEQUENCE: 9
179 Pro Leu Ala Tyr Trp Ala Arg
180   1           5
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184 <211> LENGTH: 7
185 <212> TYPE: PRT
186 <213> ORGANISM: Artificial Sequence
188 <220> FEATURE:
189 <223> OTHER INFORMATION: Description of Artificial Sequence: Motifs
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192 Pro Tyr Ala Tyr Trp Met Arg
193   1           5
196 <210> SEQ ID NO: 11
197 <211> LENGTH: 6
198 <212> TYPE: PRT
199 <213> ORGANISM: Artificial Sequence

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201 <220> FEATURE:
202 <223> OTHER INFORMATION: Description of Artificial Sequence: Motifs
204 <220> FEATURE:
205 <221> NAME/KEY: VARIANT
206 <222> LOCATION: 2
207 <223> OTHER INFORMATION: Xaa at position 2 represents L-cyclohexylalanine
209 <220> FEATURE:
210 <221> NAME/KEY: VARIANT
211 <222> LOCATION: 4
212 <223> OTHER INFORMATION: Xaa at position 4 represents L-norvaline
214 <400> SEQUENCE: 11
W--> 215 Pro Xaa Gly Xaa His Ala
216   1           5
219 <210> SEQ ID NO: 12
220 <211> LENGTH: 4
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222 <213> ORGANISM: Artificial Sequence
224 <220> FEATURE:
225 <223> OTHER INFORMATION: Description of Artificial Sequence: Motifs
227 <220> FEATURE:
228 <221> NAME/KEY: VARIANT
229 <222> LOCATION: 4
230 <223> OTHER INFORMATION: Xaa at position 4 represents L-norvaline
232 <400> SEQUENCE: 12
W--> 233 Pro Leu Ala Xaa
234   1
237 <210> SEQ ID NO: 13
238 <211> LENGTH: 4
239 <212> TYPE: PRT
240 <213> ORGANISM: Artificial Sequence
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243 <223> OTHER INFORMATION: Description of Artificial Sequence: Motifs
245 <400> SEQUENCE: 13
246 Pro Leu Gly Leu
247   1
250 <210> SEQ ID NO: 14
251 <211> LENGTH: 4
252 <212> TYPE: PRT
253 <213> ORGANISM: Artificial Sequence
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256 <223> OTHER INFORMATION: Description of Artificial Sequence: Motifs
258 <400> SEQUENCE: 14
259 Pro Leu Gly Ala
260   1
263 <210> SEQ ID NO: 15
264 <211> LENGTH: 8
265 <212> TYPE: PRT
266 <213> ORGANISM: Artificial Sequence
268 <220> FEATURE:

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RAW SEQUENCE LISTING

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TIME: 14:15:37

Input Set : A:\substitute seqlist.txt

Output Set: N:\CRF4\10052005\J001945B.raw

269 <223> OTHER INFORMATION: Description of Artificial Sequence: Motifs
 271 <400> SEQUENCE: 15
 272 Arg Pro Leu Ala Leu Trp Arg Ser
 273 1 5
 276 <210> SEQ ID NO: 16
 277 <211> LENGTH: 7
 278 <212> TYPE: PRT
 279 <213> ORGANISM: Artificial Sequence
 281 <220> FEATURE:
 282 <223> OTHER INFORMATION: Description of Artificial Sequence: Motifs
 284 <220> FEATURE:
 285 <221> NAME/KEY: VARIANT
 286 <222> LOCATION: 2
 287 <223> OTHER INFORMATION: Xaa at position 2 represents L-cyclohexylalanine
 289 <220> FEATURE:
 290 <221> NAME/KEY: VARIANT
 291 <222> LOCATION: 4
 292 <223> OTHER INFORMATION: Xaa at position 4 represents L-a-aminobutyryl
 294 <220> FEATURE:
 295 <221> NAME/KEY: VARIANT
 296 <222> LOCATION: 5
 297 <223> OTHER INFORMATION: Xaa at position 5 represents methylated cysteine
 299 <400> SEQUENCE: 16

W--> 300 Pro Xaa Ala Xaa Xaa His Ala

301 1 5
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 305 <211> LENGTH: 7
 306 <212> TYPE: PRT
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 309 <220> FEATURE:
 310 <223> OTHER INFORMATION: Description of Artificial Sequence: Motifs
 312 <220> FEATURE:
 313 <221> NAME/KEY: VARIANT
 314 <222> LOCATION: 2
 315 <223> OTHER INFORMATION: xaa at position 2 represents L-cyclohexylalanine
 317 <220> FEATURE:
 318 <221> NAME/KEY: VARIANT
 319 <222> LOCATION: 5
 320 <223> OTHER INFORMATION: Xaa at position 5 represents methylated cysteine
 322 <400> SEQUENCE: 17

W--> 323 Pro Xaa Ala Gly Xaa His Ala

324 1 5
 327 <210> SEQ ID NO: 18
 328 <211> LENGTH: 9
 329 <212> TYPE: PRT
 330 <213> ORGANISM: Artificial Sequence
 332 <220> FEATURE:
 333 <223> OTHER INFORMATION: Description of Artificial Sequence: Motifs
 335 <400> SEQUENCE: 18

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/001,945B

DATE: 10/05/2005
TIME: 14:15:38

Input Set : A:\substitute seqlist.txt
Output Set: N:\CRF4\10052005\J001945B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 4
Seq#:2; Xaa Pos. 2,4
Seq#:3; Xaa Pos. 6
Seq#:5; Xaa Pos. 4,7
Seq#:6; Xaa Pos. 7
Seq#:11; Xaa Pos. 2,4
Seq#:12; Xaa Pos. 4
Seq#:16; Xaa Pos. 2,4,5
Seq#:17; Xaa Pos. 2,5
Seq#:20; Xaa Pos. 7
Seq#:21; Xaa Pos. 7
Seq#:22; Xaa Pos. 7
Seq#:23; Xaa Pos. 7
Seq#:24; Xaa Pos. 1
Seq#:26; Xaa Pos. 4
Seq#:30; Xaa Pos. 5
Seq#:33; Xaa Pos. 1
Seq#:34; Xaa Pos. 1
Seq#:40; Xaa Pos. 4

VERIFICATION SUMMARY

DATE: 10/05/2005

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Input Set : A:\substitute seqlist.txt

Output Set: N:\CRF4\10052005\J001945B.raw

L:19 M:256 W: Invalid Numeric Header Field, Wrong Current FILING DATE:YYYY-MM-DD
L:45 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:68 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:86 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:122 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:140 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:215 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:233 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:300 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:323 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:367 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
L:385 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
L:403 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0
L:421 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0
L:439 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0
L:470 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0
L:528 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
L:573 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0
L:592 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0
L:680 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0